GRUMMAN plane news

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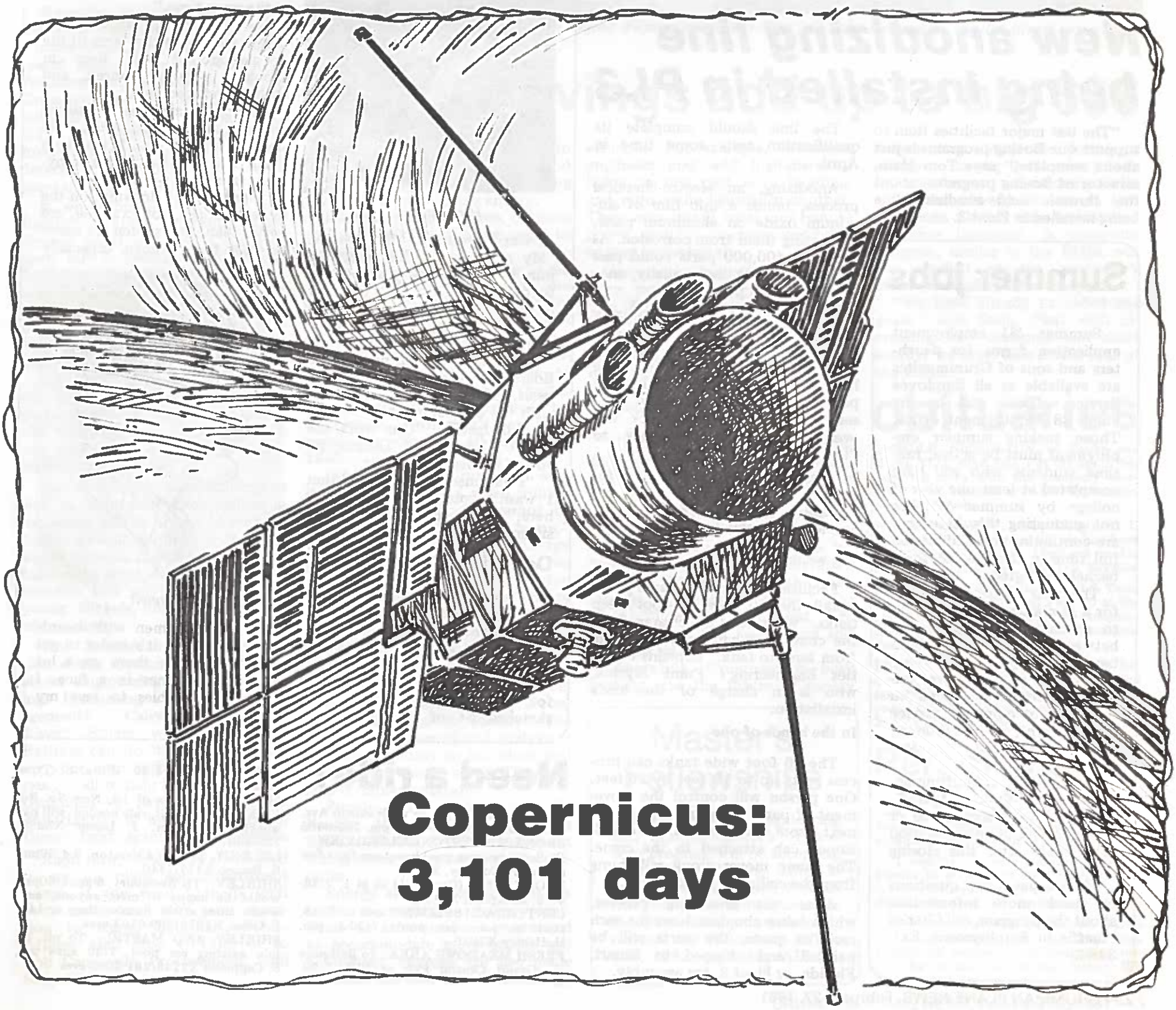
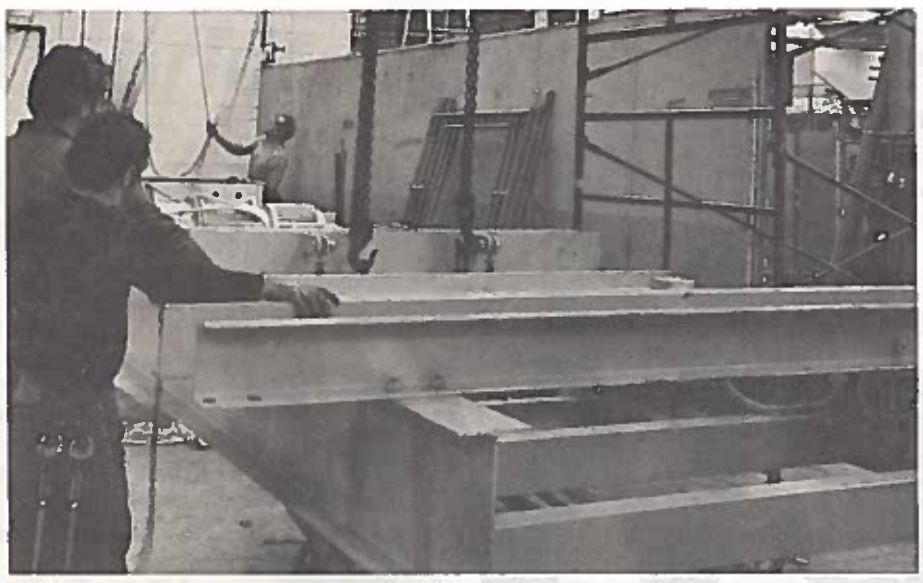


Copernicus: 3,101 days



Bridgework. *The bridge which will carry the crane for Plant 3's new anodizing line is ready to be installed.*

New anodizing line being installed in Pl.3

"The last major facilities item to support our Boeing programs is just about complete," says Tom Main, director of Boeing programs, about the chromic acid anodizing line being installed in Plant 3.

The line should complete its qualification tests some time in April.

Anodizing, an electro-chemical process, builds a thin film of aluminum oxide on aluminum parts, protecting them from corrosion. As many as 400,000 parts could pass through the new line annually, once it gets into full production.

Grumman has been anodizing parts for Navy aircraft for years, but using sulfuric acid. Chromic acid anodizing hasn't been done here for some 15 years; the few parts for Navy aircraft have been sent to vendors. That work will eventually be brought back to Plant 3.

The new line will also be used for some of Grumman's other commercial subcontract work. One example is Sikorsky.

Dig we must

Facilities had to dig a large pit to install the 10 new 10-foot deep tanks. "We needed the clearance for the crane that will carry the parts from tank to tank," explains Facilities Engineering's Frank Myrick, who is in charge of the line's installation.

In the hands of one

The 26 foot wide tanks can process parts up to 10 feet by 25 feet. One person will control the movement of parts from one tank to the next from an enclosed, air-conditioned cab attached to the crane. The crane moves along rails hung from the ceiling of the building.

After the anodizing process, which takes about an hour for each rack of parts, the parts will be painted and shipped to Stuart, Florida, or Plant 2, for assembly.

Summer jobs

Summer '81 employment application forms for daughters and sons of Grummanites are available at all Employee Service offices and in the Plant 28 Employment office. Those seeking summer employment must be active, full-time students who will have completed at least one year of college by summer '81, are not graduating this June, and are continuing their education full time in the fall toward a bachelor's degree.

This year's program will run for a minimum of eight weeks to a maximum of 10 weeks between June 1 and September 4.

Summer positions are limited. Selections are based on the years of company service of the parent, student interest, and availability of job openings.

Deadline for submitting applications is Friday, April 3. Notification of acceptance or rejection will be made as soon as possible after this closing date.

If you have any questions or need more information about the program, call Charles Pfaeffle in Employment, Ext. 3484.

people

No benchwarmer

Many former New Yorkers in Milledgeville have become active in community affairs in their adopted home. Herb Holland, manager of Materials and Process Engineering, is one of them. He has served five years as chairman of the Citizens Housing Improvement Committee, an

Herb Holland

advisory group to the mayor. "My neighbor had asked me to join a group they were trying to organize. I went to the first meeting. They elected me chairman, and I've held the post since then."

Herb is also chairman of the Board of Adjustment and Appeals. Both groups are involved with the development of housing in Milledgeville. "Our work has helped. I'm glad I became involved in this community.

"I had made up my mind that I wasn't going to be unhappy here," he recalls. Nor would he sit on the sidelines.

Doodling away

If he can get someone to sit still for eight minutes or so, Don Bennett will pencil their likeness on any available piece of paper.

And during his lunch hours for the past few weeks, he's sketched 54 of the 56 people in Operations Analysis in Plant 5. All of the drawings are posted on the group's bulletin board.

Don, the administrator for Operations Analysis and Advanced Systems, has been drawing his co-workers for most of his 22 years here.

"I've got sketches from 'way back,' " he says. "As an administrator, you have to go to lots and lots of meetings. Very often, the things up for discussion are as familiar as the back of your hand. I can listen and doodle at the same time."

He fills up the edges of his memo pads with the faces of the people around him; deep in thought, vaguely amused, and slightly annoyed faces.

"I don't have any delusions about being a great artist," he says. "I know I couldn't make a living at it, but I get great enjoyment from it as a hobby.

"Some of the drawings on the bulletin board, for example, are better than others. Men are easier to draw than women, especially older men or men with beards and mustaches. It's easier to get a likeness when there are a lot of character lines in a face. I can't draw babies to save my life."

Don Bennett

Need a ride?

BETHPAGE: To plt 35 via Wantagh Ave. or Hicksville Rd, 8-4:30 pm. 735-0485

BRONX/WHITESTONE/CLEARVIEW: To Bethpage, van pool has room for a few riders. F. Conway, X3399.

BROOKLYN: (Carnarsie) to pl 1, 7:48-4:18, M. Kraten X6114.

CENTEREACH-SELDEN: area to Pl 15, start or join car pool, 7:30-4 pm, H. Hanley X7530

FRESH MEADOWS AREA: to Bethpage via Grand Central Pky or LIE, 7:30-7:50am to 4:00-4:20. shifts, S. Trink X7363

LEVITTOWN: to pl 12, New So. Rd, 1 blk from Hazel St, ride needed, will pay weekly, 7:30-4pm. J. Lesser X8235/735-4607

LIE EXIT 55: to Calverton, 8-4:30pm, R. Bracco X117-7440

SHIRLEY: To Woodbury, 8 am-4:30pm, would be happy to meet anyone, anywhere along either Sunrise Hwy or LIE. P. Geiss, X7919/399-0103 eves

SHIRLEY AND MASTIC: To plt 30, join existing car pool, 7:30 am-4 pm, S. Cappiello X2248/281-2086 eves

Walkathon

Republic challenges Grumman

Over the last 50 years, there have been many encounters that have stirred the human juices . . . Joe Louis-Max Schmeling; Sal Maglie-Jackie Robinson; Chris Evert Lloyd-Billie Jean King; Jack Nicklaus-Arnold Palmer; Wilt Chamberlain-Bill Russell; and, lately, George Steinbrenner-Billy Martin, to name a few.

Recently, though, President Bob Dixon of Fairchild Republic made a move to rekindle a very old Long Island rivalry when he challenged President George Skurla and all of Grumman to an inter-company competition during "Super Walk '81," the March of Dimes' big fund-raiser in its fight against birth defects. "Super Walk '81" takes place on Sunday, April 26.

It won't be the first time that Republic and Grumman have banged heads in friendly competition, but it probably will be the first time that hundreds . . . perhaps thousands . . . from Grumman and Republic have engaged in an event that doesn't take a heckuva lot of natural talent, only endurance.

And the human juices it will stir will be the sure knowledge that each step in "Super Walk '81" will benefit some youngster who was (or who will be) born with a birth defect.

But it will take salesmanship as well as endurance. Each walker in the event will be trying to rack up dollars as well as miles . . . and the more financial backers each walker has means more dollars for medical research and services to help the young. Nickels, dimes, and quarters add up fast.

Why not broaden the competition within Grumman as well? How about Engineering vs. Manufacturing? Purchasing vs. Material Management? Calverton vs. Great River? Stuart vs. Milledgeville? Retirees can do their bit, too. Set up your own intra-company rivalries . . . all to help Skurla vs. Dixon, Grumman vs. Republic, and more importantly, to help the March of Dimes fight against birth defects.

Right now, volunteers are needed to set up plant and department teams. If you want to help, send your name, mail stop, and extension to Karen Betschart, Public Affairs, Mail Stop C14-05, or to Bob Cannavale, Procurement, Mail Stop A04-30.

Light subject. *The Grumman-developed Flipmatic system flips off light fixtures at regular timed intervals in Plant 25.*

Energy savings add up to big $$$

From insulating the attic to lowering the thermostat, more and more people are combating rising fuel costs by conserving energy.

Like many homeowners, business and industry are finding ways to cut energy waste.

At Grumman Aerospace, conservation efforts have saved the company $26 million in utility costs since 1973 — the equivalent of 1.3 million of oil. Last year alone, the company saved $8 million in utility costs — close to 250,000 barrels of oil. Overall consumption has been reduced by 28 percent. Grumman's goal is to reduce consumption 40 percent by 1986.

"Undoubtedly, Grumman, with its 48 buildings and seven million square feet of space, cannot be modified as easily as a home," says Don Stein, head of the Energy Conservation (EC) department, "so we have developed a four-step program to combat high energy costs."

1,2,3,4

Appraisal is the first step — determining how much energy is consumed in a given facility. The second step is survey and analysis — an in-depth study to see where and how energy can be saved. The third step is implementation.

Finally, with the use of the Energy Management Information System (EMIS), the EC department tracks energy consumption by computer.

Energy saving modifications are made as expansion takes place. When an area has been rearranged to accommodate more people and equipment, changes are also made to make the new area more energy efficient. For example, Grumman engineers may add high-intensity lights to one part of a building, and reduce the lighting in another. They may install local and remote power switches or create vestibules to trap incoming air.

Automatic shut-off systems have been installed in many facilities. The Flipmatic system, developed by Grumman, flips off the lighting at regular timed intervals. Anyone still at work during off hours can turn them back on.

Recycling heat

More energy has been saved with the modification of heat-emitting equipment. Heat recovery pipes in the Grumman steam plant recycle hot air that would otherwise go up the chimney.

Employee cooperation is a big factor in Grumman's conservation program. "Basically, we ask Grummanites to do three things," says Stein. "Turn off equipment, turn off the lights and keep doors and windows shut."

Meanwhile, Grumman is busy looking into the future of energy conservation. Alternate forms of energy — among them solar power — are being considered. Solar collectors, already in use at two Grumman plants, may be installed in other locations. A computer program, similar to the EMIS, will be installed at the company's Calverton facility later this year.

"We have already exceeded our goals," says Stein, "but with increasing fuel demands and short supply, we must take a hard look at the future."

Master's Fellowships

The Grumman Engineering and Science Master's Fellowship program will be accepting applications for its 1981 awards until the March 1 deadline. For more information, or to obtain an application form, contact the Fellowship office, Ext. 2682; mail stop A10-35.

obituaries

LUCILLE NICHOLSON of Tanks and Ducts, Pl. 2, died Feb. 1 at the age of 56. She had been with the company since 1973 and resided at 155 Washington Ave., Roosevelt.

WALTER HOWELL of Upholstery, Pl. 1, died Feb. 5 at the age of 62. He had been with the company since 1950 and resided at 216 Lakeland Ave., Apt. L-2, Sayville.

ANTHONY GIALLANZA of ILS Technical Writing, Pl. 15, died Feb. 10 at the age of 40. He had been with the company since 1974 and resided at 17 Eucaliptus Court, Selden.

BERNEICE ELLIOTT of Technical Requirements, Pl. 40, died Feb. 12 at the age of 53. She had been with the company since 1974 and resided at 2919 Ewell Place, Wantagh.

Personals

We wish to express our deep appreciation for the kindness and sympathy extended to us during the recent loss of my mother. Lou Rocha and Family

I wish to express my appreciation and thanks to co-workers and friends regarding the recent loss of my father, Louis Smith. Bernard R. Smith and Family

We wish to express our sincere thanks and appreciation for the kind and thoughtful expressions of sympathy during the recent loss of my father. Bill Dengler and Family

OAO retires after star-studd

After eight and a half years and 44,890 orbits, the Orbiting Astronomical Observatory (OAO) Copernicus ended its mission on Sunday, February 15, 1981 at 6:31 p.m.

Grumman engineers at the NASA Goddard Space Flight Center in Greenbelt, Maryland, issued a coded command to the satellite, some 500 miles above the earth's surface. Copernicus turned off its equipment, and, at that moment, all contact with the satellite ceased. The OAO, designed and built by Grumman, had travelled more than a billion miles and lasted seven and a half years beyond its design life. Its performance profile, according to Goddard scientists and engineers, has been "nothing short of astonishing."

Continue to orbit

NASA's decision to terminate Copernicus came not because of the spacecraft's performance — which remains excellent — but because of the gradual deterioration of some of the instruments onboard. The satellite will remain in orbit indefinitely, circling the earth once every 100 minutes. Solar-powered, OAO will turn itself toward the sun every two weeks to remain power-positive.

In its long career, Copernicus provided the scientific community with observations not possible with any other astronomical satellite. The OAO was instrumental in the discovery of the first "black hole" — believed to be a superdense collapsed star with such strong gravity that not even light can escape it. It also discovered a second black hole candidate, which was named OAO 1653-40 in the satellite's honor.

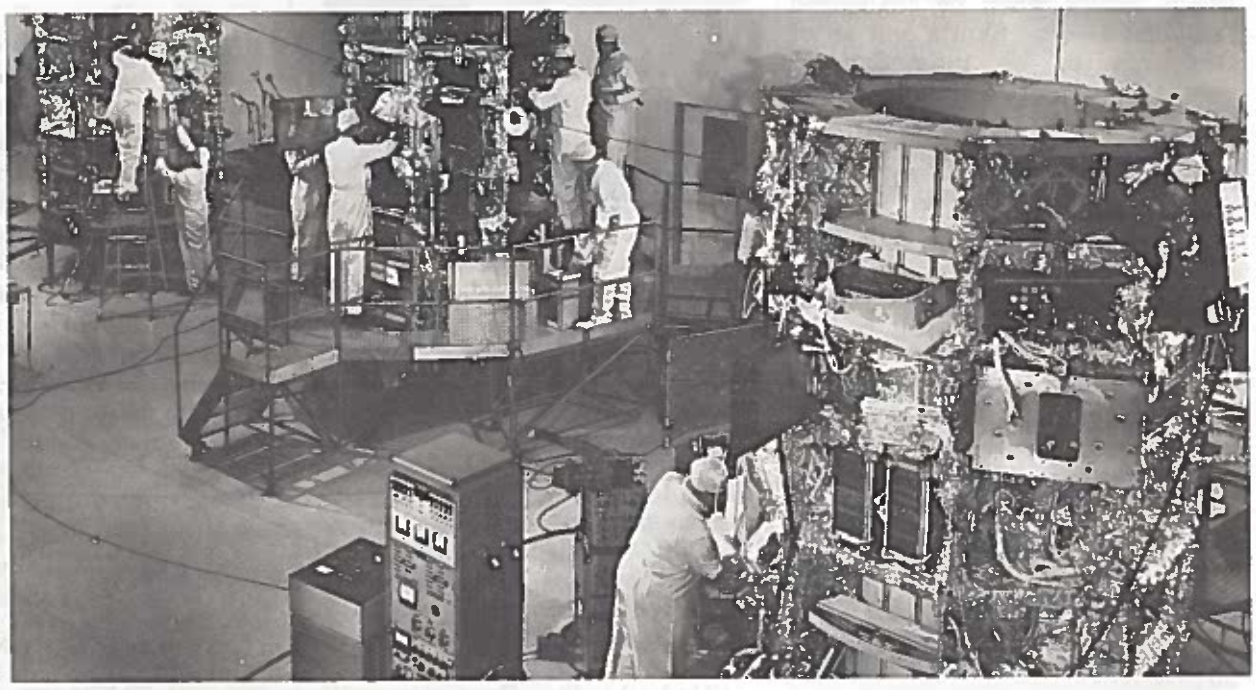
Copernicus yielded important information on neutron stars, on star temperatures, gravities, and chemical composition. It also produced data on the atmospheres of the earth, Mars, Jupiter, and Saturn.

Through its guest investigator program, Copernicus was used by more than 160 scientists and astronomers from the United States and 13 other countries.

The satellite compiled an impressive list of records. It was the heaviest and most complex unmanned space observatory NASA ever launched. Its supersensitive ultraviolet telescope was the largest ever orbited. Because of the telescope's great pointing accuracy and the great stability of the spacecraft, the OAO could observe an object the size of a volleyball from 400 miles away for as long as an hour.

Begun in 1959, OAO was one of NASA's first programs; it was Grumman's first venture into space. It signalled a new maturity for the company, a decision that was to leave an indelible mark on Grumman's future.

Says senior management consultant Ralph "Doc" Tripp, who served as OAO program director, "It was a remarkable achievement. Grumman set about designing a satellite to work for one year in orbit, using technologies and electronic components from the early 1960s. And because of the dedication and hard work of all the people involved with it, Copernicus performed perfectly for over eight years — while 500 miles away from the closest human being. The feeling of accomplishment of a team effort, knowing that all those long, hard hours of work brought victory, was an unparalleled experience."



Goddard team: 'Suddenly, it's all over'

For the thousands of Grummanites who were involved with the OAO in one way or another, the termination of Copernicus seems the end of an era. . .the last in a long series of good old days.

But for a team of Grummanites at NASA Goddard Space Flight Center, it means something else, too: the end of a job.

Some have gone to other companies, some have found spots in other areas of the corporation — in Bethpage, in Grumman Houston. A few will even stay on at Goddard with the Solar Maximum Mission project which Grumman is managing for NASA.

"But it won't be the same," says Joe Blazosky, Grumman's base manager at Goddard. "Some of these guys have poured eight, 10, 12 years of their lives into this thing; suddenly, it's all over."

The overhead lights in the control room are dimmed so that the display board up front and the lights on the individual consoles can be seen more easily. It is 3:30 in the afternoon of February 13; shutdown is still two days off. Dave Lozinski, Jim Barcas, and Dave Yuhas take their places at the board for a 10-minute contact with "the bird." Information is recorded, new commands are sent. They operate as one unit. There are no slip-ups, no surprises; they are old hands at this.

"Since the satellite was launched in 1972, we've had 24-hour coverage — every day, every month, every year," explains Blazosky. "Holidays are no exception. . .Copernicus doesn't know about Christmas."

Teams work in rotating shifts. Typically, Lozinski, Yuhas, and Barcus would work from 7 a.m. to 7:30 p.m. for four consecutive days. After four days off, they work seven nights from 7 p.m. to 7:30 a.m.; then three days off, and five more days on. After five days off, the cycle repeats.

"The same groups work together all the time," says Blazosky. "It's more efficient that way. We had a total of 40 people working the console originally. As time goes on, the groups got smaller because people learn cross-jobs. And now, obviously, things are winding down."

The long hours and shift rotation took some getting used to. But they also created what one team member terms "a weird sort of camaraderie. You spend more time with these guys than you do with your own family."

"It also makes it that much more difficult to make the adjustment to the normal, nine-to-five routine again," Blazosky observes.

Contact is over now. Lights go back on, pipes and cigarettes are lit up. But the mood remains somber. Two days from now, the boards will be turned off for good. And the bird Copernicus will continue to circle high above the earth: unseen, unheard, unheeded.

ed career

Don Imgram, director of Space Programs and former project engineer for OAO, agrees.

"OAO provided a showcase for one of Grumman's real strengths," says Imgram, "the ability to assemble teams of talented people, and have them understand that they have an important contribution to make. Successful programs are the result of thousands and thousands of individual efforts, inputs, outputs, and decisions. As proved to be the case with OAO, good people make the difference."

Dr. James Kupperian, associate director of Projects at Goddard, was project scientist on the OAO.

"NASA and Grumman learned how to work together on the OAO, which was another key to the program's success," says Kupperian. "At times, because there was such strong teamwork, the lines between Grumman and Goddard were blurred — all the concentration was on making the program come through.

"It was a very comfortable working relationship. We always got excellent response. I have a great deal of confidence in Grumman's ability," Kupperian adds. "Grumman products hold up."

Copernicus was actually the fourth OAO that Grumman designed and built for NASA. The first was launched in April 1966; it failed after three days in orbit because of a malfunction in its power system.

OAO-2 was launched in December 1968. Like Copernicus, it lasted long beyond its designed lifetime and was shut down in February 1973 after an impressive scientific career. The third observatory, OAO-B, was launched in November 1970, but orbit was never achieved.

Stunning success

But the earlier tries made OAO-3 Copernicus's stunning success possible, Kupperian explains.

"We had a chance to learn from an operational program, to follow a more normal engineering development.

"NASA was intrepid in those days, and the nation backed us. We were operating in a different political and social climate then. We received national support, even though the cost of the OAO program would eventually exceed the total amount of money spent on astronomy since the beginning of recorded history!"

Worthwhile purchase

But Kupperian feels the nation got a good buy for its money.

"The achievements of OAO will probably prove more lasting than those of Apollo in the areas of science and technology," says Kupperian. "We had the opportunity to simply snatch things from research and put them into practice. Things that were brand new on OAO have become standard.

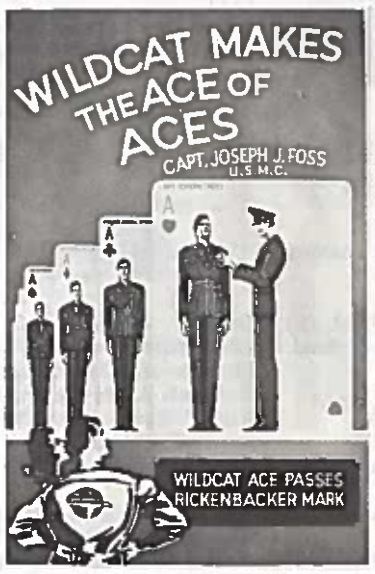
"The nation had a 'noble goal' then. Usually, great technological leaps are made in time of war. . .a terribly sad indictment on civilization. The space program proved there was a way for us to make advancements without killing ourselves.

"We learned many, many lessons from the OAO," says Kupperian. "It's an old friend. . .I hate to see it go."

When loose lips sank ships

The more things change, the more they stay the same. These posters, courtesy of the Grumman History Center, dotted the walls here during the war years. And although the artwork and the copy make them genuine nostalgia pieces, their messages really weren't very different from what we see in the hallways today.

Energy conservation . . . safety . . . spare parts . . . bonds . . . pride of workmanship . . . all the things that are Grumman concerns in 1981, were very much in evidence back in the days when everyone knew that "loose lips sink ships."



F. Softye

J. Whelan

W. Kammann

C. Rosen

F. Genova

F. Drumm

J. Barclay

E. Brem

J. Stewart

J. Sidorski

R. Westrick

J. Bardenhagen

A. Haberski

J. Brown

N. Dannenhoffer

R. Cleary

P. Jennings

C. Hoffmeister

service milestones

40

Robert Evans, Upholstery (1)
George H. Young, Router & Shear (2)
George A. Tucciarone, Ind. Eng-Crewload (2)
Jerome Barfus, M&ME M/S (2)
John P. Hermges, Static Test (5)
Joseph N. Wittko, Pwr Plt & Envir. Staff (5)
Fred Hall, Assy. Methods & Plnng. (6)

35

Joseph Gavin Jr., President Grumman Corp. (111)

30

Jack Brandi, Tech. Reqts. (1)
Charles S. Maciarz, Controls (1)
Benjamin Preisler, Invent Control (2)
Jerry J. Swihun, Central Setup Area (2)
Walter D. Moule, Insp-Mech. (2)
Edward Kusko, Alodine (3)
Richard C. LaFantano, Parts Paint (3)
Louis Bubeck, Fuselage Assy. (3)
Harry A. Colli, Maint. Admin. (3)
Rocco J. Cessario, Syst. Test/Flt. Integ. (4)
Arthur W. MacMillan, Stockrooms (4)
Theodore C. Thompson, Struct. Des. (5)
Richard W. Barthelme, Land Gear Carrier Suit (5)
Robert B. Englert, Advanced Aircraft Sys. (5)
Raymond E. Jeffrey, Fluids (6)
Harold E. Clareen, Structures (6)
Robert E. Rehm, Support (6)
Michael A. Strazay Sr., Supply Asset Control (21)
Thomas F. Mulligan, Rec-Insp-Plnng/ Methods (24)
Gene J. Pinelli, Fluid Pwr/Pyrotech. (25)
Robert R. Meardon, Resources M/S (30)
Fernando E. Martins, Crew Syst/Equip Integ. (35)
Genevieve Dellysse, Personnel Liaison (35)
John M. Rigsby, Crew Syst/Equip Integ. (40)
Gerard V. White, Elect. Liaison Eng. (43)
Lawrence A. Jesberger, Prod. Supv. (44)
Harry A. Bush, Invent. Mgt. (44)
Edward A. Cramer, St. Augustine (65)
John R. Seadon, Stuart Tool Eng. (77)

25

William J. McAlpine, Prototype (1)
Frederick H. Softye, ILS Training Sys. Eng. (1)
James E. Whelan, Prototype (2)
William H. Kammann, Fuselage Joining (2)
Bruce R. Stiefel, Hull Assy (2)
Carroll Rosen, Prod. Release & Anal. (2)
Arthur J. Young, Prod. Release & Anal. (2)
Alan C. Lofsten, Welding Group (2)
Frank Genova, Matl. Mgt. M/S (2)
Francis X. Drumm, M&ME M/S (2)
Frank G. Mazzella, Central Setup Area (2)
William J. Monahan, Mfg. Scheduling (2)
John A. Barclay, Insp-Mech. (2)
Ellison L. Brem, Router & Shear (3)
John P. Stewart, Parts Paint (3)
John Sidorski, Honeycomb Prefit. (3)
Robert E. Westrick, Mach. Oper-Parts Ctl. (3)
Jacob S. Domalewski, Final Assy. Struct. (4)
John J. Bardenhagen, Prod. Superv. (4)
Albert S. Haberski, Inst. M/S (5)
James Brown, Maint-Facil. Equip. & Gen. (5)
Nicholas F. Dannenhoffer, Advanced Aircraft Sys. (5)
Richard G. Cleary, Financial Ops. (5)
Patrick T. Jennings, Structures (6)
Charles H. Hoffmeister, Structures (6)
William G. Roche, Elect. Bench Assy. (6)
William P. English, Repair Control (6)
Anthony J. Rizzi, Mach. Shop (6)
Karl H. Thoma, Presentation Servs. (7)
David Detlefsen, Flt. Ops. (7)
William T. Flatley, Elect. Lab. Mgmt. (7)
Frank E. Carlin, Flt. Ops. Insp. (7)
Walter Kohlhoff, Propul. Sys. (9)
Robert T. Byrnes, Matl. Mgt. M/S (17)
Arthur O. Baldwin, Trans-Equip. Maint. (20)
Roald L. Larsen, Central Rec. (24)
John L. DeSandre, Electro-Mech. Lines (25)
Nils R. Tegner, Struct. Des. (25)
Jean G. Pailet, Section Admin. (35)
Reed S. Bradley, Des. Eng. M/S (35)
William P. Paulik Jr., Config. Data Mgmt. (40)
Richard Halley, Prod. Commod. Est. (43)
Edward W. Beckett, Mech. Detail & Fin-Tem. (43)
Robert Albert, Prod. Control (43)
Harold F. Sanders Jr., Technology (66)
Eugene L. Mouquin Jr., Mach. Eng. (77)
Clarence W. L'Hommedieu, Matl. Mgmt. (77)
Matty Bosch, Parts Paint (2)
Isabelle Ceraso, Finan. Op/Secretaries (5)
Edward Stepnoski, Site Mgt. (57)

I. Ceraso

E. Stepnoski

20

Donald Zaleski, ILS Elect. Eng. (1)
Louis Appleman, ILS Syst. Des. Eng. (1)
Charles A. Catalano, Tech. Reqts. (1)
Kenneth W. Payne Jr., Welding Group (2)
Alan P. Tyler, Aircraft Progs. (4)
Frank F. Mancilla, Insp-Elect. (4)
M. Richard Horn, ILS Syst. Tech. Proj. Mgt. (5)
George W. Lind, Propulsion Syst. (5)
George F. Pflugel, Reliability (5)
Wesley T. Johnson, Weight Optim & Tech Devel. (5)
Clifford P. Dugan, Instr. Test (6)
Donald J. Dinger, Structures (6)
Raymond H. Diem, Prod. Deputy & Statn. Foreman (6)
George Dreimann, Prod. Deputy & Statn. Foreman (6)
Robert A. Latour, Flt. Avionics (8)
Harold M. Morse, Meas. Stds. (12)
Ralph R. Bimonte, Repro Servs. (15)
Norman N. Christensen, ILS Tech. Writ. (15)
Harry Saul, ILS Tech. Writ. (15)
Scott J. Goebel, ILS Pubs Control (15)
Duncan E. Karcher, Navig & Control Equip. Des. (25)
Carl F. Wright, General Commod. (30)
Kenneth F. McSweeney, ILS Resource Appl. (35)
Joseph A. Burkowsky, ILS Syst. Tech. Proj. Mgt. (35)
Norman H. Niederman, Computer Des. (35)
Howard C. Ahders, Software Dev. (35)
Eugene N. Stern, ILS Prog. Mgt. (40)
Edward J. Campbell, Production (80)
Alfred W. Engelhardt, GSFC-Mission Ops. (84)
Joseph J. Miglionico, Production (88)

15

Frank M. Mistretta, Sub-Assy (1)
Robert Green, ILS Config. & Data Mgt. (1)
Henry J. Ciofrone, ILS Equip. Tech. Mgt. (1)
Arthur A. Bianco, ILS Equip. Tech. Mgt. (1)
Stanley J. Rummel Jr., ILS Log. Sys. Dev. F (1)
Robert O. Naylor, ILS RF/Controls (1)
Walter J. Skokna, ILS Supply Ops. (1)
Robert C. Keaton, Heat Treat (2)
Daniel A. Keenan, Prod. Cntl — Parts Contrl (2)

Grace L. Mignon, Mfg. Factory Plnng. (2)
Henry Allen, Details (3)
Lloyd D. Coleman, Trans-Ops. (3)
John J. Bahlke Sr., Maint-Rearrangement (3)
Herbert Hyatt, Q.C. Inspect. Plnng.(3)
Salvatore Ciancimino, Instr. Test (5)
Alan G. Castka, ILS Equip. Tech. Mgt. (5)
George R. Dumont, ILS RF/Cntrls. (5)
Melvin Rabinowitz, Resources M/S (5)
Thomas P. O'Brien, Matl. Handl/Storage (6)
Edith A. Behrmann, Quality Eng. (6)
Harold R. Katzenberger, Elect. Test (8)
Paul Guma, Flt. Avionics (8)

Looking for war stories

Floyd Bennet Field memorabilia is being sought for display for the field's 50th anniversary celebration on May 23, 1981. The National Park Service's Gateway National Recreation Area in New York is seeking men and women with "war stories," civilian aviation experiences, and memorabilia relating to Floyd Bennett Field.

Located in Brooklyn, the field was New York City's first municipal airport. During the 1930s, it was the takeoff point for such famed aviators as Wiley Post, Amelia Earhart, "Wrong Way" Corrigan, Howard Hughes and Jacqueline Cochran. The field served as a U.S. Naval Air Station from 1941 to 1971. No longer used as an airfield, it has been headquarters for Gateway since 1974.

Individuals with experiences, photographs or memorabila relating to Floyd Bennett Field are asked to contact Michael Wurm, historian, Gateway National Recreation Area, Floyd Bennett Field, Bldg. 69, Brooklyn, N.Y. 11234.

Emma J. Gumbs, Distrib. Servs. (9)
Warren Davis, Prog. Contracts (9)
Richard F. Chance, Q.C. Lab. (10)
Aaron S. Lampkin Jr., Q.C. Quality Eng. (10)
John P. Strenk, ILS Pubs Control (15)
Thomas Jones, Traffic (17)
Walton W. Mitchell, PPO — F-14 (25)
Charles F. LaMarca, Prog. Matl. Mgmt (25)
Jesus A. Suarez, Struct. Mech. (25)
David A. Sharp, Struct. Mech. (25)
Robert E. McMullin, Syst. Integ. (25)
Allie P. Rogers, Mass. Prop. Anal. & Cntl. (25)
Joseph W. Bruno, Mass. Prop. Anal & Cntl. (25)
Harold L. Hess, Prog. Contracts (25)
Donald J. Staufenberg, Prog. Plnng Cntrl & Budg. (25)
Kathryn M. Zawadzki, Personnel & Admin. Sys. (28)
Joseph M. Schaefer, Subsystems (30)
Erwin K. Giesemann Jr., Invent. Plan & Anal. (30)
Margaret M. Santomartino, Invent. Plan & Anal. (30)
Sidney Berman, Reqts. Plnng. (30)
Kenneth J. O'Pasek, Mach. Parts/Raw Matl. (30)
Lois M. Francis, Cust. Supply Reqts. Mgt. (30)
Daphne J. Kulier, Cust. Supply Reqts Mgt. (30)
Robert E. Kaminski, Tech. Reqts. (30)
Clarence E. Harry, Fac. Admin. (30)
Silvio G. Castignoli, ILS Comp. Syst. (35)
Noe Arcas, Dynamics (35)
Robert L. Goldstein, Dynamics (35)
Donald Gertz, Navig & Cntrl. Equip. Des. (35)
Cecelia C. Danas, Secretarial Servs. (35)
Florence Varga, Personnel Liaison (35)
John C. Greener, Instruct/Anal. (39)
Neal E. Gumbman, ILS Prog. Controls Mgt. (40)
Joseph Rocco, ILS Electron/Elect Eng MT (40)
Joseph R. Davila, ILS Electrical Eng (40)
John H. Fiorello, Struct. Des. (40)
Pauline Riselvato, Prog. Quality Mgt. (40)
Walter A. Wells, Config. Data Mgmt. (40)
Clorinda L. Garganese, Prod. Rel & Anal. (43)
Alfred Evangelisti, Elect. Cable Fab. (44)
Frank J. Salage, Avionics Purchasing (44)
William R. Mann, Site Mgt. (57)
Vincent J. Nardi, Prototype/Detail Parts (77)
Michael T. Ryan Jr., Stuart Tool Eng. (77)
Gayle P. Quebedeaux, A/C Sys. Serv. (80)
Eleftherios Hadjoglou, Support (88)
William M. Koller, Production (88)
Clark Bridgman Jr., Pwr Plant Des. (89)

Racquetball weekend scheduled for March

The second annual racquetball tournament gets underway March 14 at the Royal Racquetball Courts on Middle Country Road in Coram.

Unlike other Recreation tournaments which run for weeks, this competition will be held over two weekends. The men's A and B contests and the women's tourney will be held on March 14-15 from 3 to 11 p.m. The men's C and novice tournaments will take place March 21-22. Singles tournaments will precede the doubles competition.

If you wish to enter one division, the entry fee is $15. It costs $18 to enter both singles and doubles contests. Your entry fee must accompany the entry form. *Do not mail cash; make checks payable to Royal Racquetball.* Entry deadline is Friday, March 6.

The tournament package includes: refreshments, balls, T-shirts, court time, and a guarantee of playing two matches.

Rules of play

U.S. Racquetball Rules will govern play. All disputes will be settled at the time of play. Each match will be two 21-point games with an 11-point tie-breaker if necessary.

If you are interested in participating, fill out the entry form on this page and mail it with your check to Recreation, A01-28A, no later than Friday, March 6.

Racquetball tourney

Singles ☐ ☐ Doubles

Division ☐ A ☐ B ☐ C

Women's ☐ Men's Novice ☐

Name: .....

Mail Stop ..... Ext .....

Doubles Partner .....

Mail Stop ..... Ext .....

Mail to: Recreation, A01-28A
Deadline: March 6

Gabriel, Ogilvie set pace for varsity bowlers

It's over. After four grueling Saturdays of bowling six games a night under intense pressure, and the final night when they "only" had to put in three games, the ten best male bowlers in Grumman have earned spots on the Grumman men's varsity team. And, of those 10, five have earned the right to be Grumman's starting team in the 40th Annual Long Island Industrial Invitational Tournament. In all, 16 companies and organizations will send teams to this event.

The women also completed their roll-offs on February 14. Of the 26 women who entered the competition for a spot on the women's varsity team, only eight will wear the Grumman name in inter-company competition.

When the men's roll-offs were completed, Ed Gabriel, who was the team's captain in '68, '79 and '80, had earned that honor again. The title goes to the bowler with the highest total in the 27 games the entrants bowl. Gabriel finished with a whopping 622 series on the last night to end the competition with a 5,329 pin total. That was 117 pins ahead of second place finisher Lenny Trifaro.

Trifaro matched Gabriel's 622 series on the final night. That performance moved him up from fifth place in the standings.

Judge Locke finished in third place, where he's been since the second week of competition. Ben Plawski, the only other person besides Gabriel to lead the competition this year, finished in fourth. Jim Micco earned the last starting spot with a 5,125 total — a 189 average.

Rounding out the varsity team are: Bob Kohlhoff (5,113), Fred Dick (5,109), Jack Nielsen (5,105), Frank Tucholski (5,102) and Dave Evans (5,052).

"He's tough," Ben Plawski says of Gabriel. "He's very consistent."

Consistency is a trait Gabriel hopes he and his teammates will have during the Industrial Tournament. "It's like the Super Bowl," he says. "Winning will depend on who's hot, because it's only a four week tournament.

"If you've got five guys bowling around their average, then you've got a good shot at winning. . .unless one of the other companies gets crazy."

The last time Grumman won the tournament was in 1974. It will begin this year on March 7.

You've got to be good

Finishing first in the women's varsity roll-offs was no easy task for Pat Ogilvie. But she did it, with four pins to spare. Her 1,377 total for eight games averaged out to just a bit more than one-half pin per game better than second place finisher Ellen Steimle.

Steimle jumped from seventh place to second when she bowled a 708 series in her final four games. Rita Mathia and LuAnn Calsetta, who led the roll-offs the first week, tied for third with 1,353 totals. Olga La Barbera was fourth with a 1,339. Maureen Croes, the sixth place finisher, was four pins back. In seventh, with a 1,313, was Arleen Schwemmer. Linda Wolff jumped from twelfth to gain the last spot on the team.

Among other events, this team will compete in the Women's Long Island Industrial Invitation, to be held April 11, 18 and 25.

Coliseum encore for booters

On Sunday, March 8, Grummanites will have a second chance to watch their varsity soccer team in action at the Nassau Coliseum. The team will be playing a preliminary game to the main event at the Coliseum, which is a match between the N.Y. Arrows and the Chicago Horizon.

"This will be a very important game for us," says Grumman coach Leon Akl. "We hope that there will be many Grummanites there to cheer us on."

The Grumman team will be playing its second consecutive game against Lufthansa, currently the undefeated leaders of the Long Island Industrial Indoor Soccer League.

Grumman is in second place with a 7-1 record.

Grumman will also play Lufthansa at 3:00 p.m. tomorrow, in the Arrow's practice facility at Nassau Community College. There is no admission fee for this game.

Anyone who would like to attend the game at the Coliseum can get discount tickets from the Grumman Recreation Department, Plant 28A. Grumman's game begins at 12:30 p.m. Call Ext. 2133 for more information.

calendar

AIAA: Wed., March 25, Antun's, Hicksville, 5:30 p.m., social hour, 6:30 dinner. Guest speaker will be Senior Vice President, Larry Mead. Guests welcome. S. Miluschewa, Ext. 8830/J. Kohn, Ext. 9744.

Amateur Radio Club: Wed., March 18, Conference rooms A and B, Pl. 5. General meeting. Grumman employees welcome. D. Townes, Ext. 2889.

American Society of Mechanical Engineers: Wed., March 18, Antun's, Hicksville, 6 p.m. dinner. Guest speaker will be Richard Krajewski, of Brookhaven National Lab. Guests welcome. J. Clevkin, Ext. 6025.

ASHRAE: Tues., March 10, Hofstra University Alumni Club, 6 p.m. Guests welcome. A. Rubenstein, Ext. 3127.

Computer Club: Mon., March 2, Pl. 28A, 5 p.m. Guests welcome. I. Tish, Ext. 4783/5471.

French Club: Tues., March 10 and Tues., March 24, 123 Grohman's Lane, Plainview, 5:30 p.m. Guests welcome. L. Kaufman, Ext. 2323.

GACE Flying Club: Mon., March 9, Pl. 28A, 5 p.m. Regular monthly membership meeting. Guests welcome. R. Reisch, Ext. 5967.

Grumman Cycle Touring Club: Tues., March 3, Knight Club, Hicksville, 5 p.m. Guests welcome. T. Beckman, Ext. 8994.

Grumman Toastmasters Club: Wed., March 11 and Wed., March 25, meeting place to be announced. Grumman employees welcome. C. Peterson, Ext. 4930.

Klown Klub: Tues., March 10, Pl. 28A, 4 p.m. Beginners welcome. M. Hennen, Ext. 113-7723/E. Traina, Ext. 4393.

Motorcycle Club: Thurs., March 19, Pl. 111, classroom, 5 p.m. B. Coutieri, Ext. 4828/K. Mann, Ext. 1645.

Scuba Divers Club: Wed., March 11, Chateau Restaurant, Wyandanch, 7:30 p.m. Guests welcome. A. Andreiev, Ext. 5537.

Ski Club: Wed., March 4 and Wed., March 18, Crow's Nest Restaurant, Melville, 8:30 p.m. Guests welcome. A. Garmendia, Ext. 7819/8910.

Society of Manufacturing Engineers: Fri., March 20, Woodbury Country Club, 8 p.m. 30th Anniversary Installation Dinner Dance. Guests welcome. V. Pavlik, Ext. 8737.

Theater Guild: Tues., March 3, Conference room A, Pl. 25, 5 p.m. General meeting. Make up demonstration. Employees only. F. Varga, Ext. 3152.

The National Secretaries Association: Thurs., March 19, Polish Hall, Riverhead, 6:30 p.m. Guest speaker will be Doris Lilly, recreational therapist. Cost of dinner is $7.00, including tax and gratuities. Guests welcome. E. Gaias, Ext. 117-7397.

GRUMMAN plane news

ADDRESS CORRECTION REQUESTED

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